



#7

## SEQUENCE LISTING

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Patel, Thakorhhai Parshotambhai  
Rohlff, Christian

<120> DPI-6, A PUTATIVE THERAPEUTIC TARGET AND BIOMARKER IN NEUROPSYCHIATRIC AND  
NEUROLOGICAL DISORDERS

<130> 2543-1-008/PCT US

<140> US 10/051,618  
<141> 2001-10-24

<150> GB 0004412.3  
<151> 2000-02-24

<150> GB 0004415.6  
<151> 2000-02-24

<150> GB 0006285.2  
<151> 2000-03-15

<150> GB 0028734.2  
<151> 2000-11-24

<150> US 09/724,391  
<151> 2000-11-28

<150> US 09/750,395  
<151> 2000-11-28

<150> GB 0030050.9  
<151> 2000-12-08

<150> US 60/254,830  
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<170> PatentIn version 3.0

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<221> misc\_feature  
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Thr Leu Leu Cys Leu Leu Leu Ala Ala Ala Val Pro Thr Ala Pro Ala	
10 15 20	
ccc gct ccg acg gcg acc tcg gct cca gtc aag ccc ggc ccg gct ctc	151
Pro Ala Pro Thr Ala Thr Ser Ala Pro Val Lys Pro Gly Pro Ala Leu	
25 30 35	
agc tac ccg cag gag gag gcc acc ctc aat gag atg ttc cgc gag gtt	199
Ser Tyr Pro Gln Glu Glu Ala Thr Leu Asn Glu Met Phe Arg Glu Val	
40 45 50	
gag gaa ctg atg gag gac acg cag cac aaa ttg cgc agc gcg gtg gaa	247
Glu Glu Leu Met Glu Asp Thr Gln His Lys Leu Arg Ser Ala Val Glu	
55 60 65 70	
gag atg gag gca gaa gaa gct gct gct aaa gca tca tca gaa gtg aac	295
Glu Met Glu Ala Glu Glu Ala Ala Ala Lys Ala Ser Ser Glu Val Asn	
75 80 85	
ctg gca aac tta cct ccc agc tat cac aat gag acc aac aca gac acg	343
Leu Ala Asn Leu Pro Pro Ser Tyr His Asn Glu Thr Asn Thr Asp Thr	
90 95 100	
aag gtt gga aat aat acc atc cat gtg cac cga gaa att cac aag ata	391
Lys Val Gly Asn Asn Thr Ile His Val His Arg Glu Ile His Lys Ile	
105 110 115	
acc aac aac cag act gga caa atg gtc ttt tca gag aca gtt atc aca	439
Thr Asn Asn Gln Thr Gly Gln Met Val Phe Ser Glu Thr Val Ile Thr	
120 125 130	
tct gtg gga gac gaa gaa ggc aga agg agc cac gag tgc atc atc gac	487
Ser Val Gly Asp Glu Glu Gly Arg Arg Ser His Glu Cys Ile Ile Asp	
135 140 145 150	
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Glu Asp Cys Gly Pro Ser Met Tyr Cys Gln Phe Ala Ser Phe Gln Tyr	
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cgg ctt ctg gac ctc atc acc tgg gag cta gag cct gat gga gcc ttg Arg Leu Leu Asp Leu Ile Thr Trp Glu Leu Glu Pro Asp Gly Ala Leu 250 255 260	823
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Val	Pro	Thr	Ala	Pro	Ala	Pro	Ala	Pro	Thr	Ala	Thr	Ser	Ala	Pro	Val	20	25	30	
Lys	Pro	Gly	Pro	Ala	Leu	Ser	Tyr	Pro	Gln	Glu	Glu	Ala	Thr	Leu	Asn	35	40	45	
Glu	Met	Phe	Arg	Glu	Val	Glu	Glu	Leu	Met	Glu	Asp	Thr	Gln	His	Lys	50	55	60	
Leu	Arg	Ser	Ala	Val	Glu	Glu	Met	Glu	Ala	Glu	Glu	Ala	Ala	Ala	Lys	65	70	75	80
Ala	Ser	Ser	Glu	Val	Asn	Leu	Ala	Asn	Leu	Pro	Pro	Ser	Tyr	His	Asn	85	90	95	
Glu	Thr	Asn	Thr	Asp	Thr	Lys	Val	Gly	Asn	Asn	Thr	Ile	His	Val	His	100	105	110	
Arg	Glu	Ile	His	Lys	Ile	Thr	Asn	Asn	Gln	Thr	Gly	Gln	Met	Val	Phe	115	120	125	

Ser Glu Thr Val Ile Thr Ser Val Gly Asp Glu Glu Gly Arg Arg Ser  
 130 135 140  
 His Glu Cys Ile Ile Asp Glu Asp Cys Gly Pro Ser Met Tyr Cys Gln  
 145 150 155 160  
 Phe Ala Ser Phe Gln Tyr Thr Cys Gln Pro Cys Arg Gly Gln Arg Met  
 165 170 175  
 Leu Cys Thr Arg Asp Ser Glu Cys Cys Gly Asp Gln Leu Cys Val Trp  
 180 185 190  
 Gly His Cys Thr Lys Met Ala Thr Arg Gly Ser Asn Gly Thr Ile Cys  
 195 200 205  
 Asp Asn Gln Arg Asp Cys Gln Pro Gly Leu Cys Cys Ala Phe Gln Arg  
 210 215 220  
 Gly Leu Leu Phe Pro Val Cys Thr Pro Leu Pro Val Glu Gly Glu Leu  
 225 230 235 240  
 Cys His Asp Pro Ala Ser Arg Leu Leu Asp Leu Ile Thr Trp Glu Leu  
 245 250 255  
 Glu Pro Asp Gly Ala Leu Asp Arg Cys Pro Cys Ala Ser Gly Leu Leu  
 260 265 270  
 Cys Gln Pro His Ser His Ser Leu Val Tyr Val Cys Lys Pro Thr Phe  
 275 280 285  
 Val Gly Ser Arg Asp Gln Asp Gly Glu Ile Leu Leu Pro Arg Glu Val  
 290 295 300  
 Pro Asp Glu Tyr Glu Val Gly Ser Phe Met Glu Glu Val Arg Gln Glu  
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